



Attorney Docket No. 0756-2095

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Shunpei YAMAZAKI

Serial No. 09/499,619

Filed: February 7, 2000

For: ELECTRO-OPTICAL DEVICE AND
METHOD FOR MANUFACTURING
THE SAME

) Group Art Unit: 2814

) Examiner: N. Ngo

) CERTIFICATE OF MAILING

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INFORMATION DISCLOSURE STATEMENT

Honorable Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the provisions of 37 C.F.R. 1.56 and 37 C.F.R. 1.97-1.99, Applicant submits herewith a Form PTO-1449 listing information known to Applicant and requests that this information be made of record in the above identified application. Copies are submitted herewith in accordance with 37 C.F.R. 1.98(a).

An English abstract of JP 54-154992 was submitted with the Information Disclosure Statement filed on October 24, 2001. A full English translation is submitted herewith. The Examiner is directed to page 4, lines 6-9 of the English translation.

JP 58-088787 was recently cited by the Japanese Patent Office against a counterpart Japanese application.


The remaining references were submitted to the Japanese Patent Office in connection with the features of "the analog switch" and "the CMOS transmission gate." In particular, the *Semiconductor Handbook*, Basic Circuit of Analog Switch, describes an analog switch circuit using the CMOS transmission gate shown in Fig. 11.65(d). The analog switch circuit of Fig. 11.65(d) drives the switch consisting of Tr3 and Tr4, by

providing a pair of gate pulses each of which has opposite polarity to the other. The pair of gate pulses are provided by inputting the gate input pulse to the inverter circuit consisting of Tr1 and Tr2. English translations of the drawings of the reference are shown on the copy of the reference by manuscript.

This Information Disclosure Statement is being submitted with an RCE. Therefore, no fee is required.

The Commissioner is hereby authorized to charge fees under 37 C.F.R. §§1.16, 1.17, 1.20(a), 1.20(b), 1.20(c), and 1.20(d) (except the Issue Fee) which may be required now or hereafter, or credit any overpayment to Deposit Account No. 50-2280. A duplicate copy of this sheet is attached.

Respectfully submitted,



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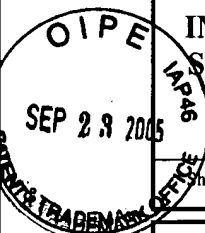
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PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

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| Substitute for form 1449A/PTO | | | | Complete if Known | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) | | | | Application Number | 09/499,619 |
| | | | | Filing Date | February 7, 2000 |
| | | | | First Named Inventor | Shunpei YAMAZAKI |
| | | | | Group Art Unit | 2814 |
| | | | | Examiner Name | N. Ngo |
| Sheet | 1 | of | 1 | Attorney Docket Number | 0756-2095 |

| U.S. PATENT DOCUMENTS | | | | | | |
|-----------------------|--------------------------|----------------------|--------------------------------------|--|--|--|
| Examiner Initials* | Cite No. ¹ | U.S. Patent Document | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number | Kind Code ² (if known) | | | |
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| FOREIGN PATENT DOCUMENTS | | | | | | | | |
|--------------------------------|-----------------------|-------------------------|---------------------|--------------------------------------|---|---|---|----------------|
| Examiner Initials [*] | Cite No. ¹ | Foreign Patent Document | | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁶ |
| | | Office ³ | Number ⁴ | Kind Code ⁵ (if known) | | | | |
| | | JP | 58-088787 | | | 05/26/1983 | | Full |
| | | JP | 54-154992 | | | 12/16/1979 | | Full |
| | | JP | 64-010711 | | | 01/13/1989 | | Abst. |
| | | JP | 01-236731 | | | 09/21/1989 | | Abst. |
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| OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS | | | |
|---|-----------------------|---|-------------------|
| Examiner Initials [*] | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| | | H. YANAI, 3.3.2 <i>Basic Circuit of Analog Switch</i> , Semiconductor Handbook, 2 nd Edition, Pages 842-843, 1977. | Concise Statement |
| | | | |

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| Examiner Signature | | Date Considered | |
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.